

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Takashi KIKUCHI et al. Examiner: Saira Bano Haider  
Serial No.: 10/532,766 Art Unit: 1796  
Filing Date: April 26, 2005  
FOR: PROCESS FOR PRODUCING HEAT-RESISTANT FLEXIBLE  
LAMINATE AND FLEXIBLE LAMINATE PRODUCED THEREBY

AMENDMENT PRESENTED UNDER 37 CFR 1.111

Commissioner of Patents  
Alexandria, VA 22314

Sir,

In response to the Examiner's Action of May 29, 2009, kindly amend the above-identified application in the following manner:

IN THE CLAIMS

This listing of claims will replace all prior versions and listings, of claims in the application:

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Cancelled)
6. (Currently amended) A heat resistant flexible laminate obtained by the method for manufacturing a heat resistant flexible laminate comprising a step of laminating a heat resistant adhesive material and a ~~metal~~ metallic foil by thermal lamination in a temperature range of not less than 200 degrees C, wherein a film-like protective material is disposed on the outside of the metallic foil between a pressurized surface and the metallic foil at the time of thermal lamination, and

coefficients of linear expansion of the heat resistant adhesive material and the protective material in a temperature range of 200 degrees C to 300 degrees C are within a range of  $\alpha_0 \pm 10$  ppm/degree C, when a coefficient of linear expansion of the metallic foil is defined as  $\alpha_0$ , wherein the metallic foil is a rolled copper foil or an ~~electrolyte~~ electrolytic copper foil.

7. (Original claim) The heat resistant flexible laminate according to claim 6, wherein a percentage of dimensional change between before and after removal of at least a portion of the metallic foil by etching is in a range of  $\pm 0.05\%$ .

8. (Newly presented) The heat resistant flexible laminate according to Claim 6, wherein the film-like protective material is a heat resistant plastic film.

9. (Newly presented) A heat resistant flexible laminate obtained by the method for manufacturing a heat resistant flexible laminate comprising a step of laminating a heat resistant adhesive material and a metallic foil by thermal lamination in a temperature range of not less than 200 degrees C, wherein a reusable film-like protective material is detachably secured to the outside of the metallic foil between a pressurized surface and the metallic foil at the time of thermal lamination, such that the protective material can be removed after lamination and re-used, and

coefficients of linear expansion of the heat resistant adhesive material and the protective material in a temperature range of 200 degrees C to 300 degrees C are within a range of  $\alpha_0 \pm 10$  ppm/degree C, when a coefficient of linear expansion of the metallic foil is defined as  $\alpha_0$ , wherein the metallic foil is a rolled copper foil or an electrolytic copper foil.